

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056766.D
 Acq On : 12 Dec 2023 05:24
 Operator : MD/SY
 Sample : 05675-16
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

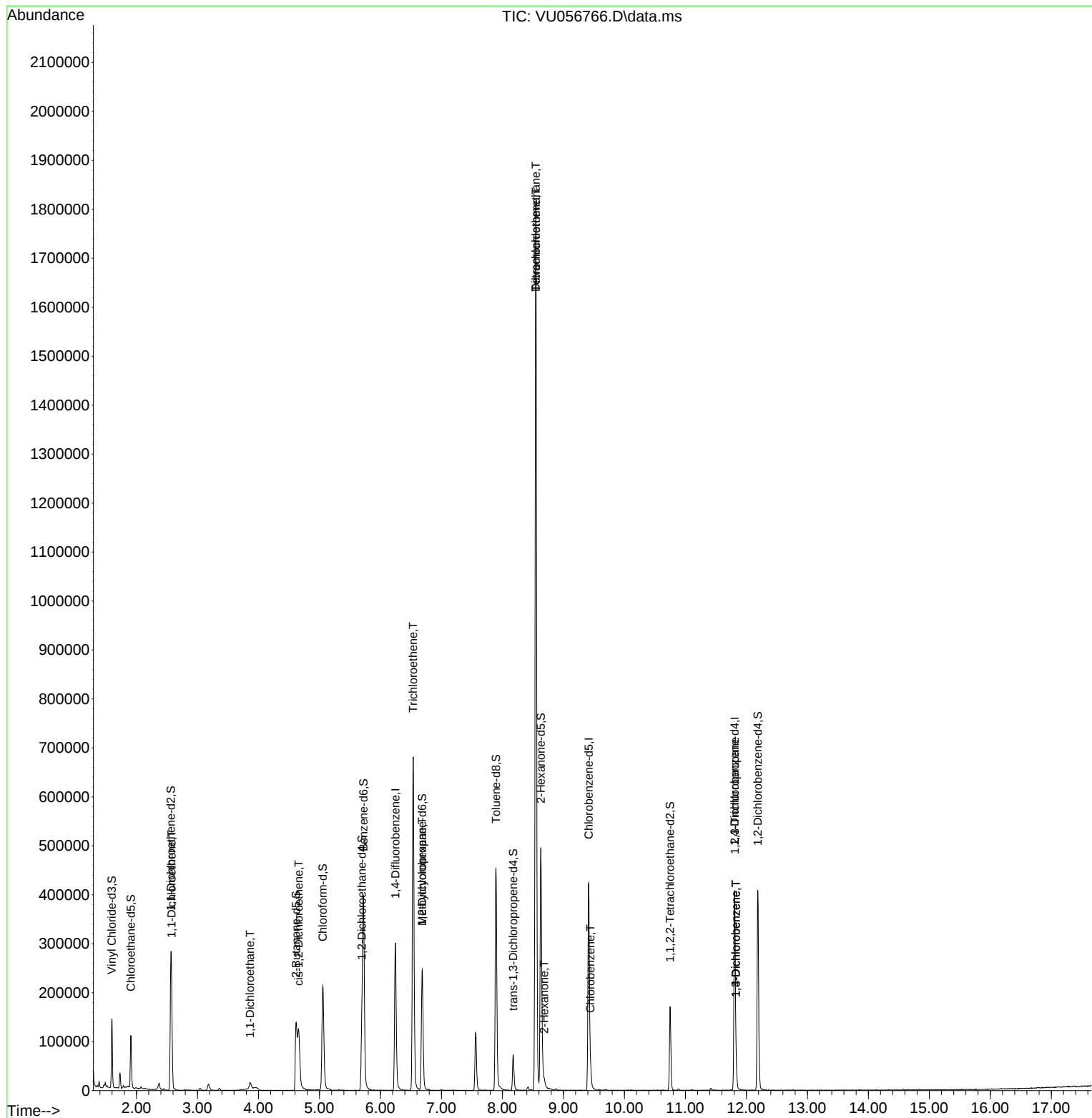
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97325	4.611	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.907	69	80417	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.563	65	42858	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.618	46	219337	52.622	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.240%
24) Chloroform-d	5.055	84	201451	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	98794	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	387618	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.685	67	119646	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	324565	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	43161	4.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.631	63	170470	48.504	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85095	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	107924	5.109	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	38917	1.947	ug/L #	53
19) 1,1-Dichloroethane	3.862	63	15036	0.386	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54467	2.470	ug/L	99
34) Trichloroethene	6.537	95	244111	10.230	ug/L	99
35) Methylcyclohexane	6.685	83	27647	0.785	ug/L #	17
47) Tetrachloroethene	8.547	164	395223	23.667	ug/L	97
48) 2-Hexanone	8.685	43	7202	0.957	ug/L #	70
49) Dibromochloromethane	8.547	129	414177	23.953	ug/L #	11
51) Chlorobenzene	9.444	112	20719	0.361	ug/L	92
61) 1,2,3-Trichloropropane	11.810	75	17996	1.560	ug/L #	63
64) 1,3-Dichlorobenzene	11.830	146	15786	0.393	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	15786	0.399	ug/L	93

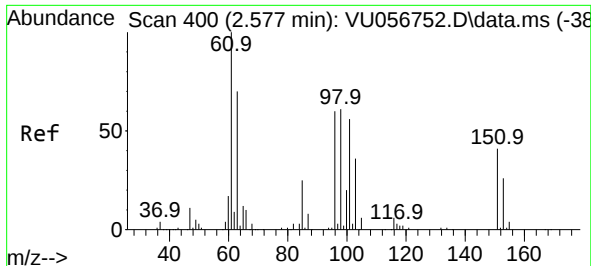
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.947 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056766.D

Acq: 12 Dec 2023 05:24

Instrument :

MSVOA_U

ClientSampleId :

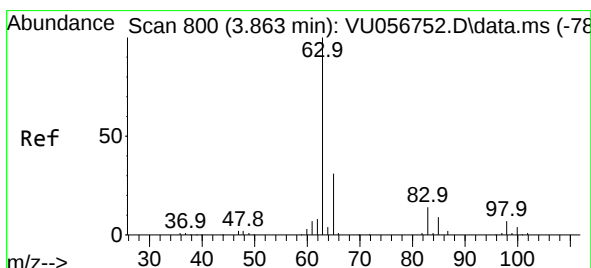
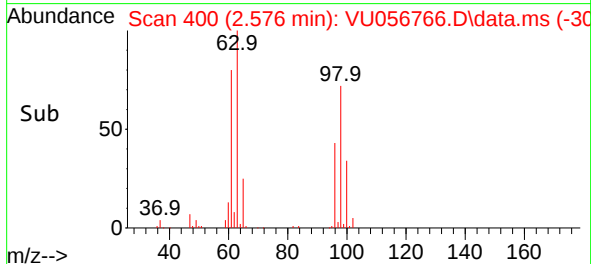
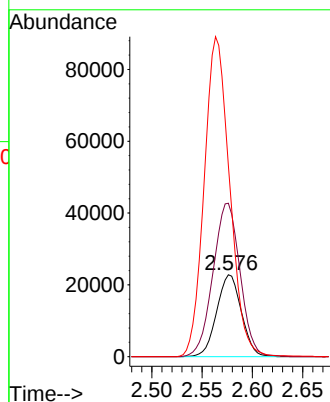
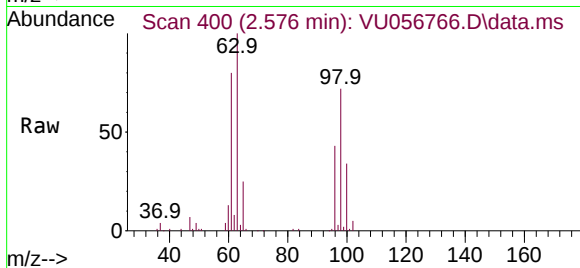
Tgt Ion: 96 Resp: 38917

Ion Ratio Lower Upper

96 100

61 187.2 119.0 221.0

63 233.4 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.386 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056766.D

Acq: 12 Dec 2023 05:24

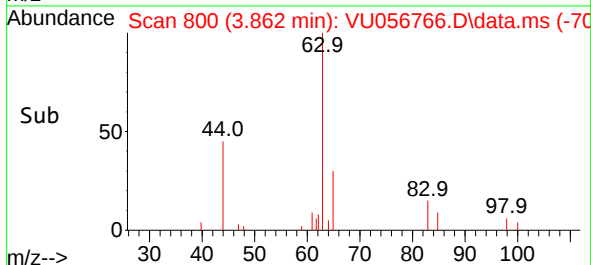
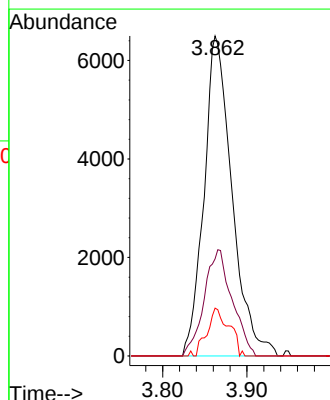
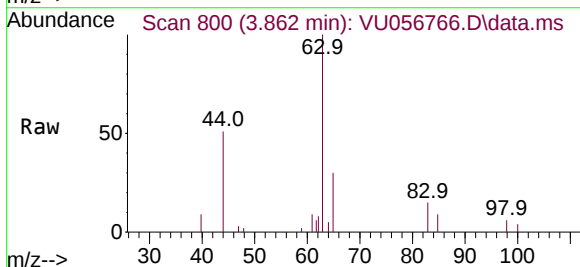
Tgt Ion: 63 Resp: 15036

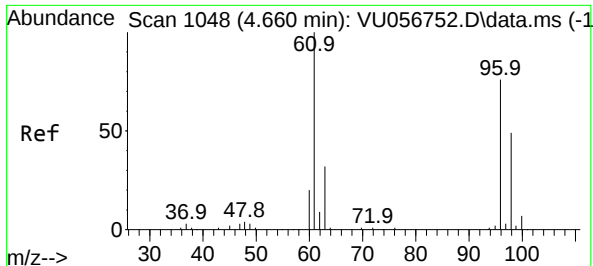
Ion Ratio Lower Upper

63 100

65 30.3 22.9 42.5

83 14.9 10.1 18.9

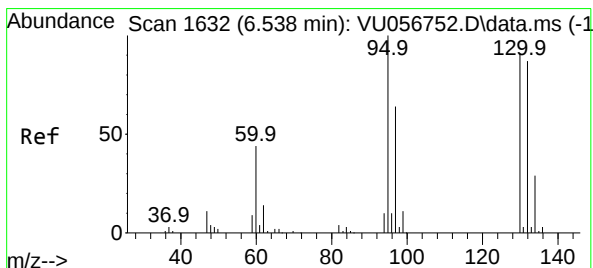
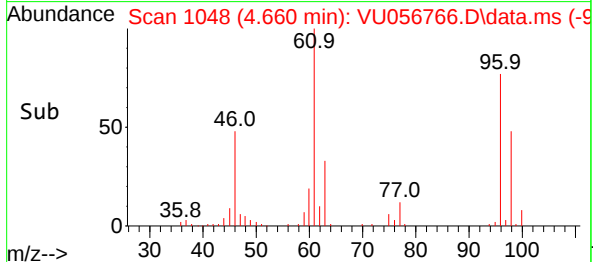
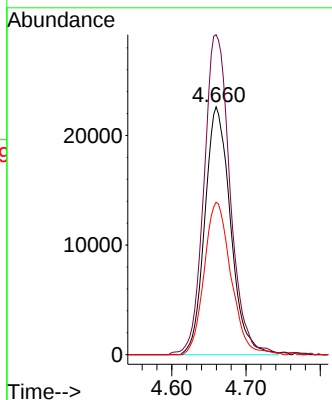
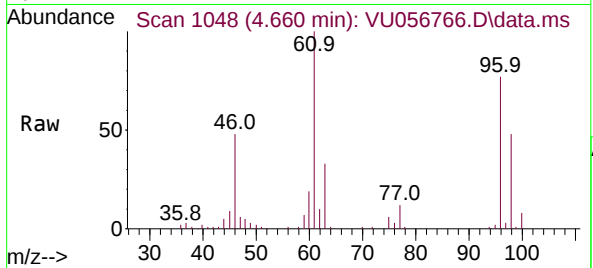




#22
 cis-1,2-Dichloroethene
 Concen: 2.470 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056766.D
 Acq: 12 Dec 2023 05:24

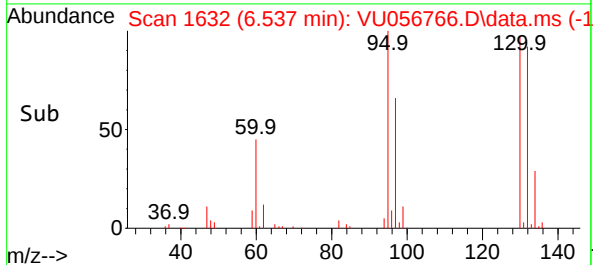
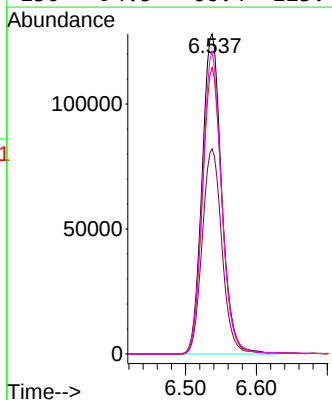
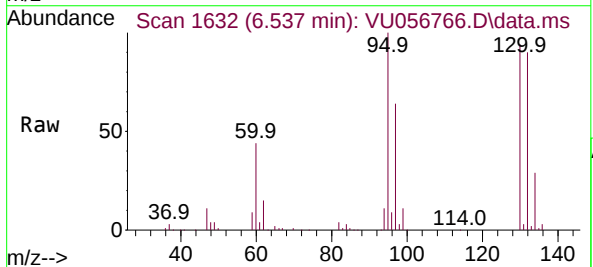
Instrument :
 MSVOA_U
 ClientSampleId :

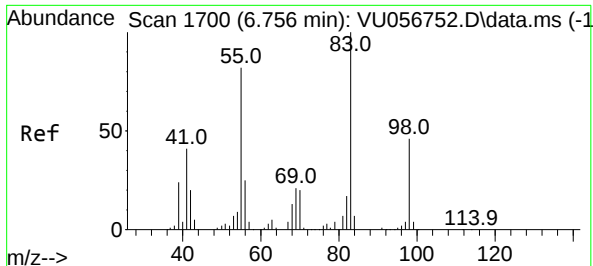
Tgt Ion: 96 Resp: 54467
 Ion Ratio Lower Upper
 96 100
 61 129.1 91.3 169.6
 98 61.5 44.2 82.0



#34
 Trichloroethene
 Concen: 10.230 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056766.D
 Acq: 12 Dec 2023 05:24

Tgt Ion: 95 Resp: 244111
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.1 85.5
 132 89.5 63.6 118.0
 130 94.5 66.4 123.4

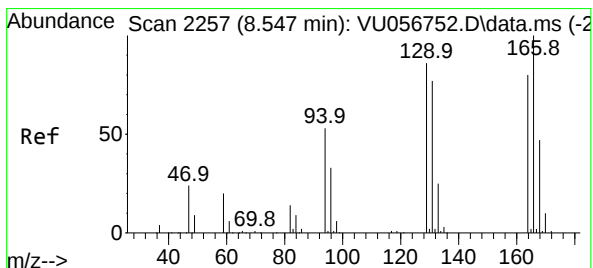
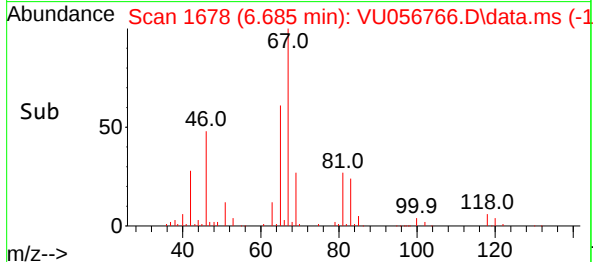
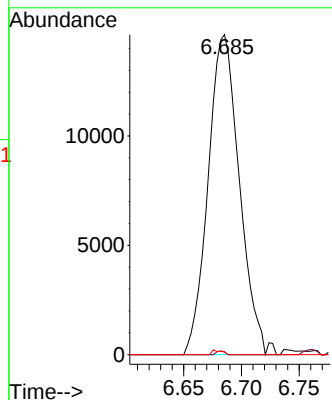
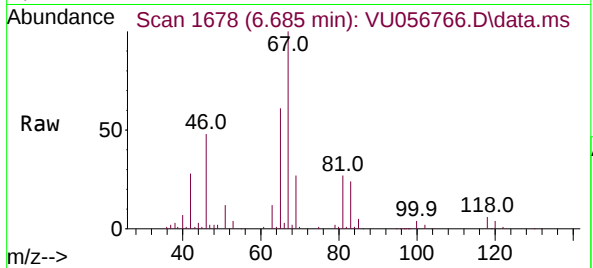




#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

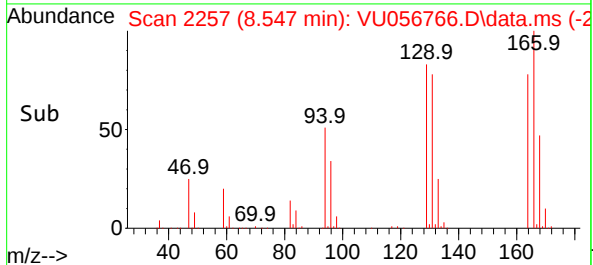
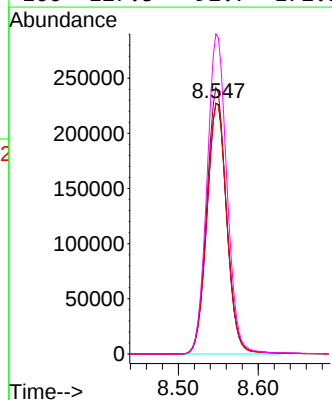
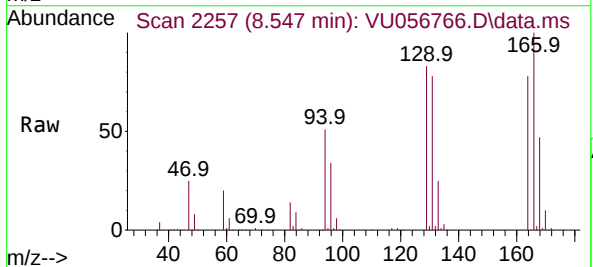
Instrument :
MSVOA_U
ClientSampleId :

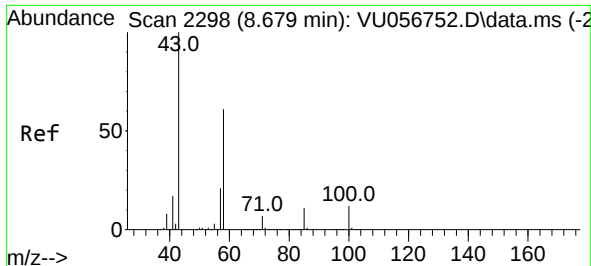
Tgt Ion: 83 Resp: 27647
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.0 36.1 54.1#



#47
Tetrachloroethene
Concen: 23.667 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

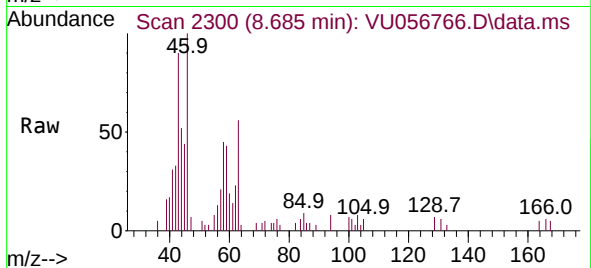
Tgt Ion:164 Resp: 395223
Ion Ratio Lower Upper
164 100
129 106.1 73.4 136.4
131 99.9 71.5 132.9
166 127.5 92.7 172.1



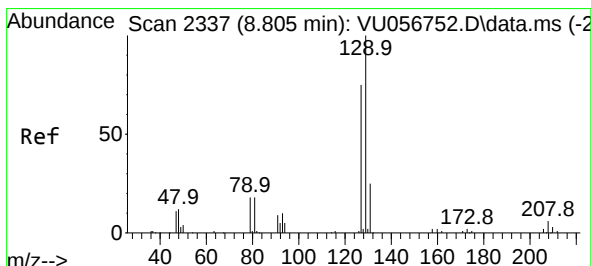
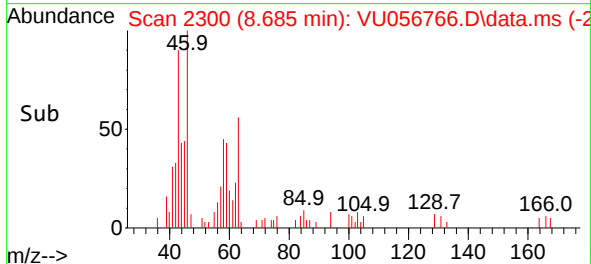
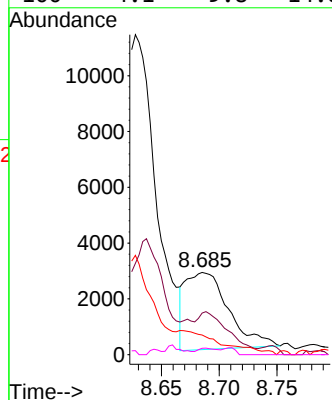


#48
2-Hexanone
Concen: 0.957 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :

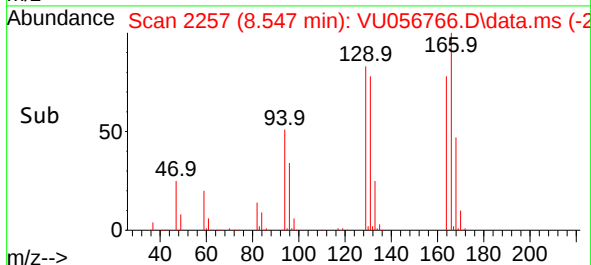
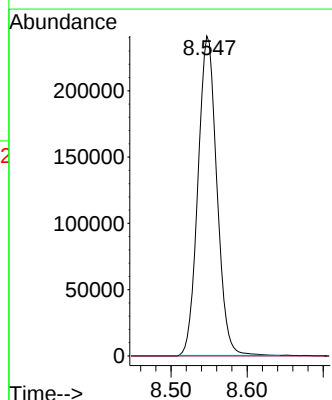
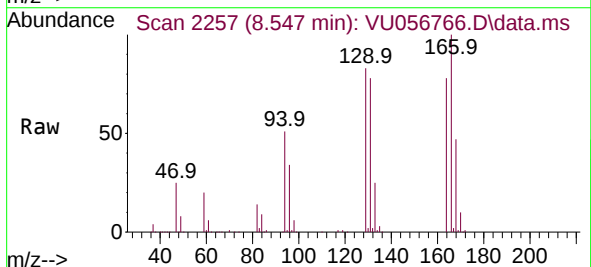


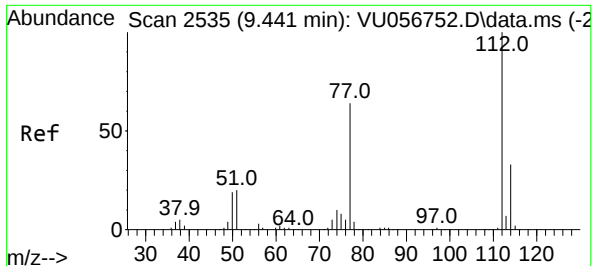
Tgt Ion: 43 Resp: 7202
Ion Ratio Lower Upper
43 100
58 39.4 47.5 71.3#
57 0.0 17.0 25.4#
100 4.1 9.8 14.8#



#49
Dibromochloromethane
Concen: 23.953 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

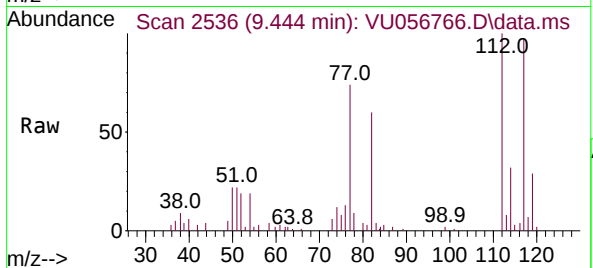
Tgt Ion: 129 Resp: 414177
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



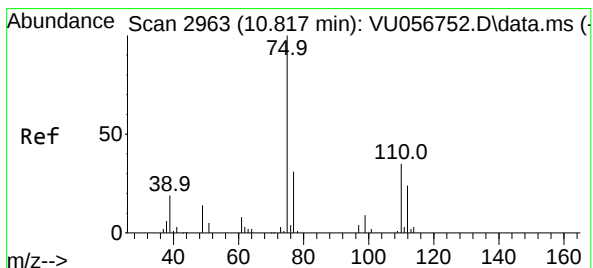
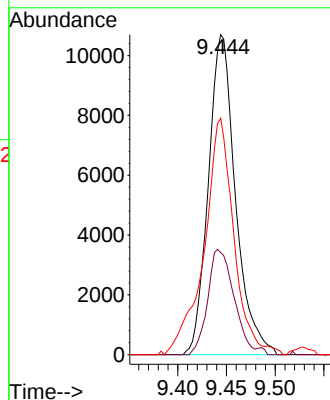
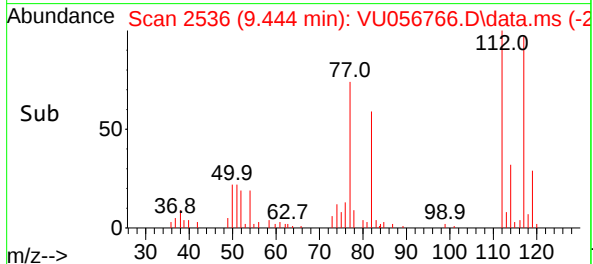


#51
Chlorobenzene
Concen: 0.361 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Instrument :
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ClientSampleId :

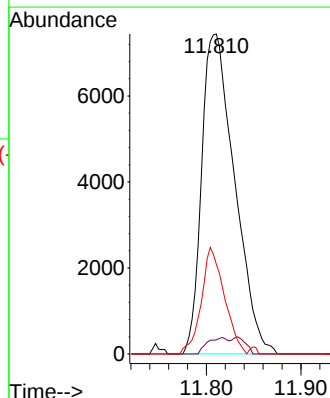
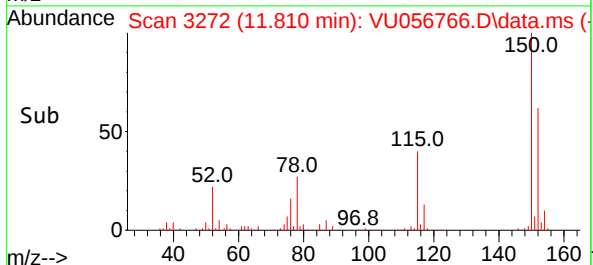
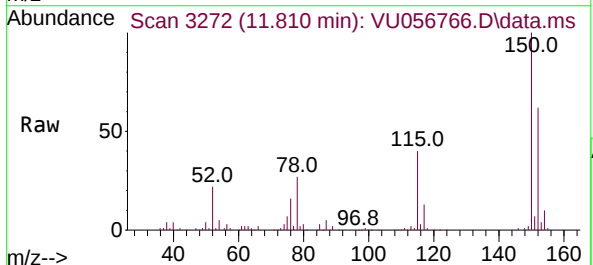


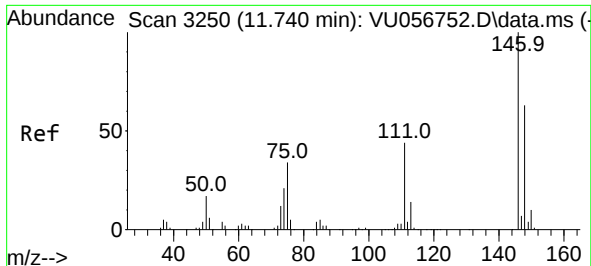
Tgt Ion:112 Resp: 20719
Ion Ratio Lower Upper
112 100
114 31.9 21.9 40.7
77 73.9 51.6 77.4



#61
1,2,3-Trichloropropane
Concen: 1.560 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Tgt Ion: 75 Resp: 17996
Ion Ratio Lower Upper
75 100
110 3.2 28.4 42.6#
77 23.2 26.3 39.5#

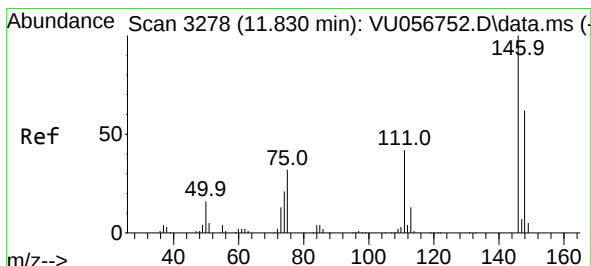
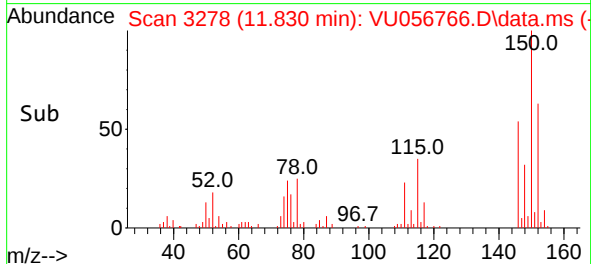
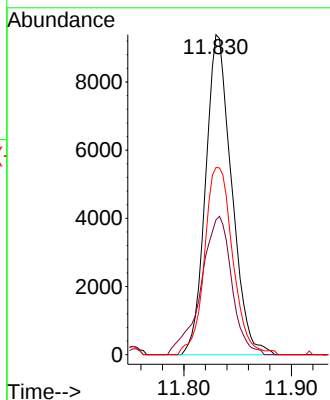
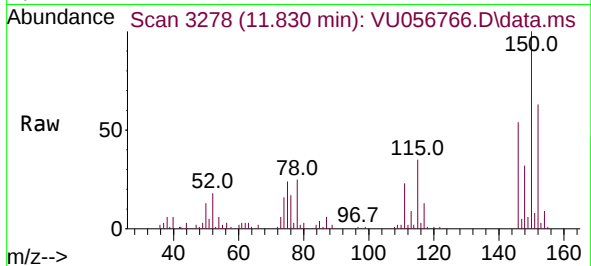




#64
1,3-Dichlorobenzene
Concen: 0.393 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.090 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 15786
Ion Ratio Lower Upper
146 100
111 42.1 31.7 58.9
148 58.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.399 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU056766.D
Acq: 12 Dec 2023 05:24

Tgt Ion:146 Resp: 15786
Ion Ratio Lower Upper
146 100
111 42.1 31.2 58.0
148 58.5 45.6 84.8

